

FIG. 3

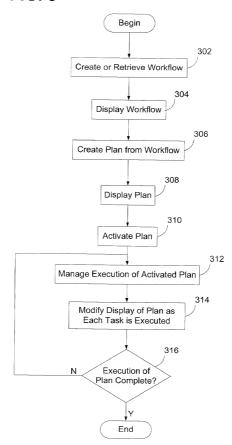


FIG. 4

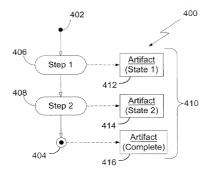


FIG. 5

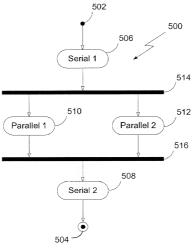


FIG. 6

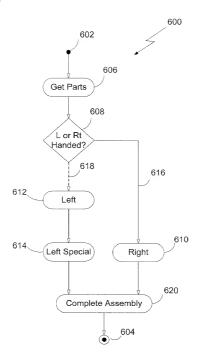


FIG. 7

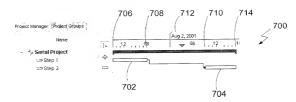
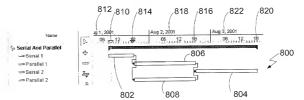


FIG. 8



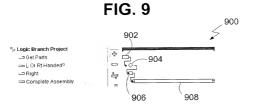


FIG. 10

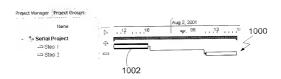


FIG. 11

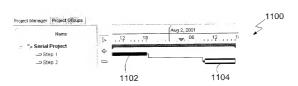


FIG. 12

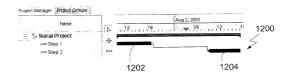


FIG. 13

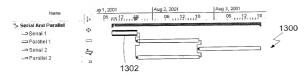


FIG. 14

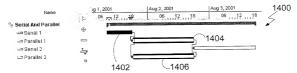


FIG. 15

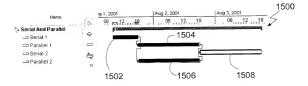
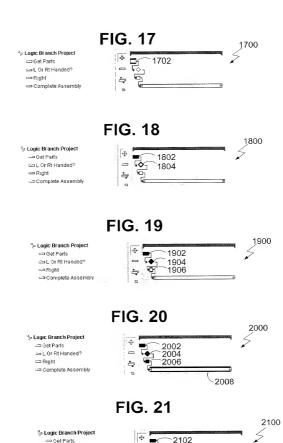


FIG. 16





2104 2106

2108

ے L Or Rt Handed?

⇒ Right ⇒ Complete Assembly

2200 2202 Þ

🦩 Logic Branch Project

5 Logic Branch Project

ಮಾ L Or Pt Handed?

- Complete Assembly

- Get Parts

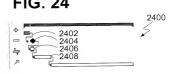
- Get Parts ച∟ Or Rt Handed? == Right - Complete Assembly FIG. 23

2302 2304 ÷ 2306

2300

FIG. 24

°_p Legic Branch - Get Parts △ L Or Rt Handed? c⊐ Left ⇒ Left Special - Complete Assembly





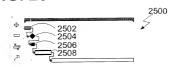
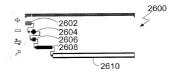
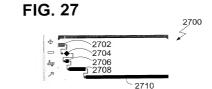


FIG. 26

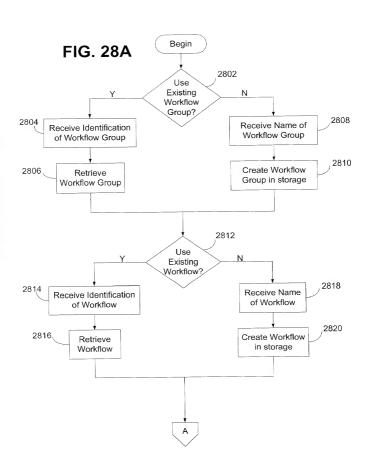


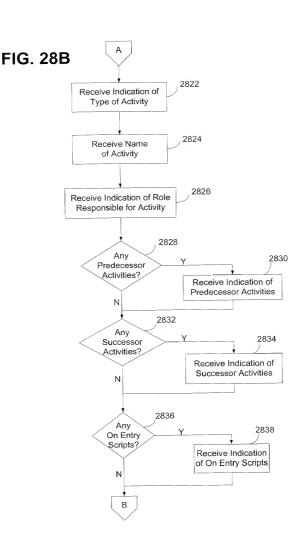
🦩 Logic Branch

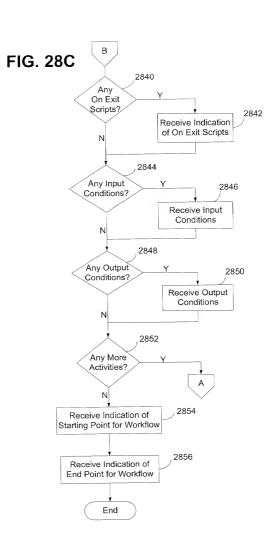












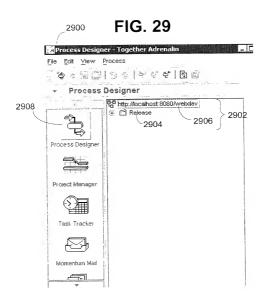


FIG. 30
3000

Type name for Process Group
Process Group

OK Cancel

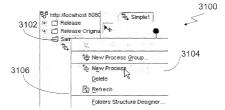


FIG. 32



FIG. 33A 3304 <?xml version="1.0"/encoding="UTF-8" ?> coprocess group="" name="Logic Branch Project"> 3358 3336 <description /> 3302 <role name="Assembler" /> - <activity id="10" name="Get Parts" responsiblerole="Assembler"> <description /> -3322<defduration units="units" value="1 cpredecessors_id id="11" /> 3360 3306 <successors id id="1522" />-3364 3348 <out aritfacts id="1527" /> 3391 </activity> ___3376 <activity id="1523" name="Left" responsiblerole="Assembler"> <description /> -3328<defduration units="units" value="1" /> cpredecessors_id id="1522" />_ 3312 3382 <successors id id="1524" /> 3352 <out aritfacts id="1529" /> </activity> <activity id="1524" name="Left Special" responsible role="Assembler"> <description /> <defduration units="units" value="1" /> 3350 3314 cpredecessors id id="1523" /> <successors_id id="1526" /> 3344 <out_aritfacts id="1531" /> </activity> ____ 3372 <activity id="1525" name="Right" responsiblerole="Assembler"> <description /> -3326 <defduration units="units" value="1" cpredecessors_id id="1522" />---3310 3380 <successors_id id="1526" /> <out_aritfacts id="1533" /> 3356 -3396</activity> <activity id="1526" name="Complete Assembly" responsiblerole="Assembler"> 3332 ""="1"/> <description /> <defduration units="units" value= 3354 <onEntry> 3388 - <![CDATAI sendMail(getOwnerEmail(), "Debugging period started", 3384 "All the SCR files should be placed into the '%SCR FOLDER%' folder");]]> </onEntry> 3316 <onExit> - 3390 - <![CDATA] sendMail(getOwnerEmail(), "Debugging finished. No more SCRs found", ""); 3386 11> </onExit> cpredecessors id id="1524"/> cpredecessors id id="1525"/> <successors_id id="12"/> <out antfacts id="1535" /> </activity>

3300

FIG. 33B

```
3392
                                           3393
           <artifact id="1527" identity="linkable1" name="Document is INITIAL">
              <description>The condition becomes true when the %Document% artifact gets the
                 INITIAL state. To make this condition valid you should define the %Document%
                 parameter and optionally define the document template and the application to
                 open the document.</description>
3394
              <type>linkable</type>
              k link="%Document%"/>
              <state>INITIAL</state>
                                       3395
              <event id="1528" />
           </artifact>
          - <artifact id="1529" identity="linkable1" name="Document is LEFT">
              <description>The condition becomes true when the %Document% artifact gets the
                 LEFT state. To make this condition valid you should define the %Document%
                 parameter and optionally define the document template and the application to
                 open the document.</description>
              <type>linkable</type>
              link link="%Document%" />
              <state>LEFT</state>
              <event id="1530" />
           </artifact>
          - <artifact id="1531" identity="linkable1" name="Document is LEFT SPECIAL">
              <description>The condition becomes true when the %Document% artifact gets the
                 LEFT SPECIAL state. To make this condition valid you should define the
                 %Document% parameter and optionally define the document template and the
                 application to open the document.</description>
              <type>linkable</type>
              k link="%Document%" />
              <state>LEFT SPECIAL</state>
              <event id="1532" />
                                         -3398
            </artifact>
                            -3397
          - <artifact id="1533" identity="linkable1" name="Document is RIGHT">
              <description>The condition becomes true when the %Document% artifact gets the
                 RIGHT state. To make this condition valid you should define the %Document%
                  parameter and optionally define the document template and the application to
                 open the document.</description>
              <type>linkable</type>
              k link="%Document%" />
              <state>RIGHT</state>
                                           - 3399
              <event id="1534" />
            </artifact>
          - <artifact id="1535" identity="linkable1" name="Document is APPROVED">
              <description>The condition becomes true when the %Document% artifact gets the
                  APPROVED state. To make this condition valid you should define the
                  %Document% parameter and optionally define the document template and the
                  application to open the document.</description>
              <type>linkable</type>
              link link="%Document%" />
              <state>APPROVED</state>
              <event id="1536" />
            </artifact>
```

FIG. 33C

```
3340
                          3366
             | clogic id="1522" name="L or Rt Handed?" responsiblerole="Assembler">
               <description />
                                      3324
               <script>
                                                              3338
                 <![CDATA[
                approved()
                 ]]>
3308
               </script>
               cpredecessors_id id="10" />-
               <other_path_id id="1525" />
               <other_path_id id="1523" />
                                             3378
               <defpath id id="1525" />
             </logic>
                                   -3362
             <svncbar id="11">
               <description />
               <startBar>T</startBar>
 3318
               <successors_id id="10" />
             </syncbar>
             <syncbar id="12">
               <description />
 3320
               <endBar>T</endBar>
               cpredecessors id id="1526" />
             </syncbar>
             <event id="1528" name="??Event_name">
               <description>??Event_desc</description>
               <type>REQUEST-GUARD</type>
                <request>PROPPATCH</request>
             </event>
           - <event id="1530" name="??Event_name">
                <description>??Event_desc</description>
                <type>REQUEST-GUARD</type>
                <request>PROPPATCH</request>
             </event>
           - <event id="1532" name="??Event_name">
                <description>??Event desc</description>
                <type> REQUEST-GUARD</type>
                <request>PROPPATCH</request>
             </event>
            - <event id="1534" name="??Event_name">
                <description>??Event_desc</description>
                <type>REQUEST-GUARD</type>
                <request>PROPPATCH</request>
             </event>
             <event id="1536" name="??Event_name">
                <description>??Event_desc</description>
                <type>REQUEST-GUARD</type>
                <request>PROPPATCH</request>
             </event>
           </process>
```

FIG. 34

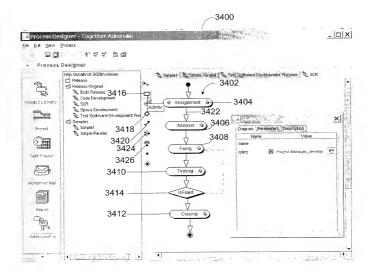
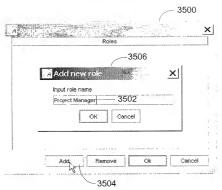
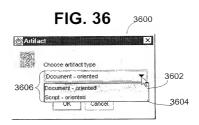


FIG. 35





_ 3700

Condition name Story Card	2704	*****************************	1.4	
To a second make A did not to	3704			1
Link parameter STORY_CAF				
Description The story is	usually written by some	one in Business		
✓ Specify when to check the c			3718	
vvrite into document ———	-3712 3714	Copy/move into docum	nent	ll
Change property of document	nent 3716	Delete document	-3720	>3710
Put document into reposit	ory			' <i>\</i>
Specify possible states of de			· · · · · · · · · · · · · · · · · · ·	
DRAFT	States		Add	
APPROVED		100	Insert .	
✓ Specify URL for template doc	cument and application t	o run it.	1	
Template document uRL	3724		EG.	

✓ Specify the r	ame and description for condition.		
Condition ner	ne 3804		
Description	Tests if the percent completion is 100	%.	
✓ Specify who	n to check the condition	.3816	-
Absolut	2940	7 Task change	
3808	3812	Any http request	1 \
☐ * Url char	nge3814 these items will be assigned at planning	3818 phase	380
	parameters and content 3822	3824	
	Name	Value Add	
		1 And	
i			

FIG. 39 3900 A Script Editor × function checking() var msg = "". var SCRFolder = new URL("%SCR_FOLDER%"). if (ISCRFolder exists() | ISCRFolder isFolder()) return talse, var directoryList = SCRFolder getChildren(), for (i =0 ; i < directoryList.length , i++) var nextFile = directoryList[i], if r nextFile checkProperty("workflow", "status", "")) nextFile.setProperty("workflow", "status", "inwork"); var processReference = getURL() getProperty("PROPERTIES", "ProcessReference"), generateNew/Request("open", processReference, "SCR", nextFile.path), sendMail(getOwnerEmail(), "New SCR generated: " + nextFile.url, ""); 1 // ENDIF) // ENDFOR return getPercent() == 100; checking(), Insert function Cancel

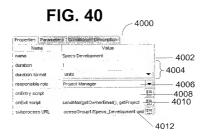


FIG. 41A

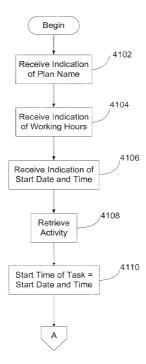


FIG. 41B

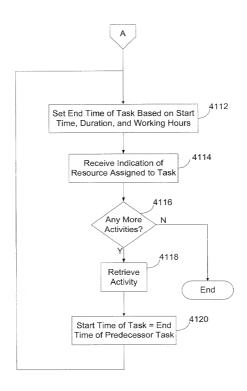


FIG. 42

Specify a project group for a new project

Freedforcup:

Freedforcup:

4200

Create Group.

Freedforcup:

4202

Create Group.

Freedforcup:

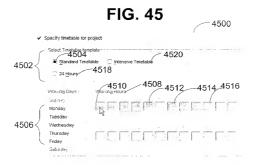
4204

CK Cancel

Cancel





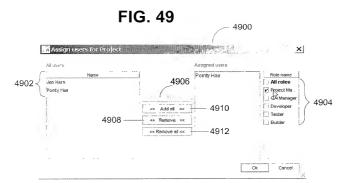




```
<?xml version="1.0" encoding="UTF-8" ?>
       - cprocess group="" name="Serial & Parallel">
           <description />
           <role name="Worker" />
          - <activity id="10" name="Serial 1" responsiblerole="Worker">
              <description />
              <defduration units="hours" value="9" />---- 4704
4702
              cpredecessors_id id="11"/>
              <successors_id id="1522" />
           </activity>
          _ <activity id="1523" name="Parallel 1" responsiblerole="Worker">
              <description />
              <defduration units="hours" value="24" />------ 4710
4706
              cpredecessors_id id="1522" />
              <successors_id id="1525" />
           </activity>
           <activity id="1524" name="Parallel 2" responsiblerole="Worker">
              <description />
              <defduration units="hours" value="24" /> 4712
4708
              cpredecessors id id="1522"/>
              <successors_id id="1525" />
           </activity>
           <activity id="1526" name="Serial 2" responsiblerole="Worker">
              <description />
              <defduration units="hours" value="24" />----- 4716
              cpredecessors_id id="1525" />
              <successors id id="12" />
            </activity>
           <syncbar id="11">
              <description />
              <startBar>T</startBar>
              <successors_id id="10" />
            </syncbar>
          <syncbar id="12">
              <description />
              <endBar>T</endBar>
              cpredecessors id id="1526" />
            </syncbar>
          _ <syncbar id="1522" name="SyncBarH1">
              <description />
              coredecessors id id="10"/>
              <successors_id id="1523" />
              <successors_id id="1524" />
            </syncbar>
           <syncbar id="1525" name="SyncBarH2">
              <description />
              coredecessors id id="1523" />
              cpredecessors_id id="1524" />
              <successors_id id="1526" />
            </syncbar>
```

```
4800
```

```
<?xml version="1.0" encoding="UTF-8" ?>
         <A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
          - <A:description>
             - <![CDATA[
            No Description
              11>
            </A:description>
            <A:task activityID="10" caption="Serial 1"
               link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
               owner="Worker
                processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
               type="general" userid="JK">
               <A:start>2001 8 1 9</A:start>
                                                  -4804
4802
               <A:finish>2001 8 1 18</A:finish>
                                                    4806
               <A:supertask name="Task 1" />
               <A:user>JK</A:user>
               <A:successor name="Task 3" />
               <A:successor name="Task_4" />
            </A:task>
            <A:task activityID="1523" caption="Parallel 1"
                link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
                owner="Worker
                processURL="http://localhost:8080/webday/ProcessGroup2/Process1.xml"
                type="general" userid="JK">
                                                   4812
               <A:start>2001 8 1 18</A:start>
4808
               <A:finish>2001 8 2 18</A:finish>
                                                   4816
               <A:supertask name="Task 1" />
               <A:user>JK</A:user>
               <A:predecessor name="Task_2" />
               <A: successor name="Task 5" />
            </A:task>
            <A:task activityID="1524" caption="Parallel 2"
                link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
                owner="Worker"
                processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
                type="general" userid="JK">
               <A:start>2001 8 1 18</A:start>
                                                   - 4814
4810
               <A;finish>2001 8 2 18</A;finish>
                                                     4818
               <A:supertask name="Task 1" />
               <A:user>JK</A:user>
               <A:predecessor name="Task 2" />
               <A:successor name="Task 5" />
            </A:task>
            <A:task activityID="1526" caption="Serial 2"
                link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
                owner="Worker
                processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
                type="general" userid="JK">
                                                  - 4822
               <A:start>2001 8 2 18</A:start>
4820
                                                  - 4824
               <A;finish>2001 8 3 18</A;finish>
               <A:supertask name="Task_1" />
               <A:user>JK</A:user>
               <A:predecessor name="Task 3" />
               <A:predecessor name="Task_4" />
            </Artasks
            <A:task activityID="NONE" caption="Serial And Parallel"
                link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
                processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
                type="general" userid="JK">
               <A:start>2001 8 1 8</A:start>
               <A:finish>2001 8 3 18</A:finish>
               <A:user>JK</A:user>
               <A:subtask name="Task 2" />
```





5102-

5110-

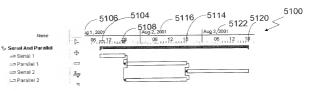
5118— 5112—

⇒ Senai 1

--- Parallel 1

Senal 2

Parallel 2





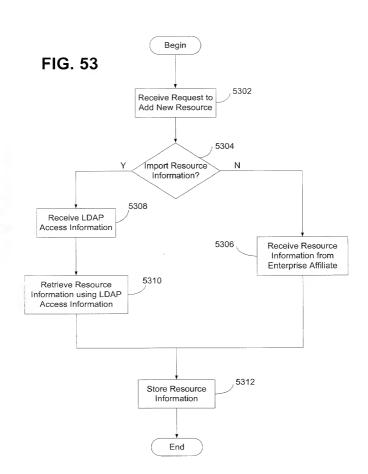
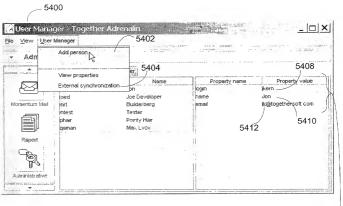


FIG. 54



5406

5500			
New:389			×
	-4 ₁		Annual Control of the
LDAP Server 5504	frodo		
5502 LDAP Port 5506	389		
People DN 5508	GU=LOCAL US	SERS, DC=amazosott, D	C=com
Use password Security DN			
Password 5512	1		
Login alias — 5514	mi ogin T	**************************************	
Add Remove	Save	Close	Synchronize

```
<?xml version="1.0" encoding="UTF-8" ?>
      ~ <users>
                                         5610
          <user>
            <id>PH</id>
            <name>Pointy Hair</name>
5602
            <email>ph@company.com</email>
                                                              5612
            <password>ZGV364==</password>
               url= "Software_Projects/Hello-World_App/Users_1.xml"
         </user>
          <user>
           <id>MQ</id>
            <name>Mister Quality</name>
5604
            <email>mq@company.com</email>
           </user>
          <user>
           <id>MB</id>
            <name>Mister Build</name>
5606
            <email>mb@company.com</email>
            <password>ZGV835==</password>
               url= "Software_Projects/Hello-World_App/Users_1.xml"
          </user>
          <user>
           <id>MT</id>
            <name>Mister Tee</name>
5608
            <email>mt@company.com</email>
            <password>ZGV470==</password>
               url= "Software_Projects/Hello-World_App/Users_1.xml"
          </user>
       </users>
```

FIG. 57A

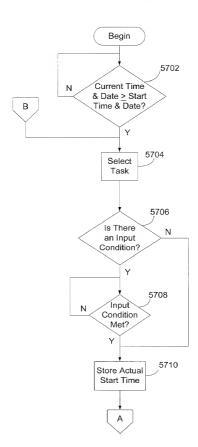


FIG. 57B

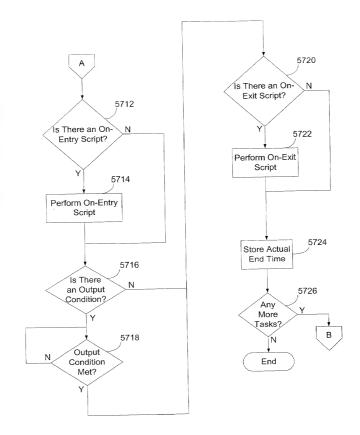
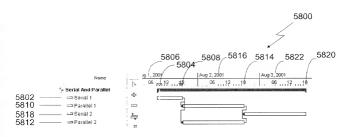


FIG. 58

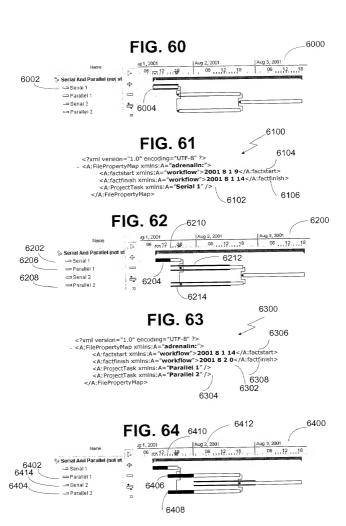


× 11 4

FIG. 59

5900

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:plan name="Serial_And_Parallel" userid="JK" xmins:A="workflow">
  - <A:description>
     - <![CDATA]
    No Description
      11>
    </A:description>
  _ <A:task activityID="10" caption="Serial 1"
       link="Sample Project Plans/Serial And Parallel/Task 2.xml" name="Task 2"
       owner="Worker
       processURL="http://localhost:8080/webday/ProcessGroup2/Process1,xml"
       type="general" userid="JK">
      <A:start>2001 8 1 8</A:start>
      <A:finish>2001 8 1 18</A:finish>
      <A:supertask name="Task 1" />
      <A:user>JK</A:user>
      <A:successor name="Task 3" />
      <A:successor name="Task 4" />
    </A:task>
  - <A:task activityID="1523" caption="Parallel 1"</p>
       link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
       owner="Worker
       processURL="http://localhost:8080/webday/ProcessGroup2/Process1.xml"
       type="general" userid="JK">
      <A:start>2001 8 1 18</A:start>
      <A:finish>2001 8 2 18</A:finish>
      <A:supertask name = "Task 1" />
      <A:user>JK</A:user>
      <A:predecessor name="Task 2" />
      <A:successor name="Task 5" />
    </A:task>
  - <A:task activityID="1524" caption="Parallel 2"
       link="Sample Project Plans/Serial And Parallel/Task 4.xml" name="Task_4"
       owner="Worker
       processURL="http://localhost:8080/webday/ProcessGroup2/Process1.xml"
       type="general" userid="JK">
      <A:start>2001 8 1 18</A:start>
      <A:finish>2001 8 2 18</A:finish>
      <A:supertask name="Task_1"/>
       <A:user>JK</A:user>
       <A:predecessor name="Task 2" />
      <A:successor name="Task 5" />
    </Artasks
  <A:task activityID="1526" caption="Serial 2"</p>
       link="Sample Project Plans/Serial And Parallel/Task_5.xml" name="Task_5"
       owner="Worker"
       processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
       type="general" userid="JK">
       <A:start>2001 8 2 18</A:start>
      <A:finish>2001 8 3 18</A:finish>
      <A:supertask name="Task_1" />
      <A:user>JK</A:user>
      <A:predecessor name="Task 3" />
       <A:predecessor name="Task_4" />
    </Artasks
  - <A:task activityID="NONE" caption="Serial And Parallel"
       link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
       processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
       type="general" usend="JK">
       <A:start>2001 8 1 8</A:start>
       <A:finish>2001 8 3 18</A:finish>
       <A:user>JK</A:user>
       <A:subtask name="Task_2" />
```



nt ... #-



